

Exhibit 5

Public Redacted Version

**UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF CALIFORNIA**

**IN RE GOOGLE PLAY STORE
ANTITRUST LITIGATION**

Case No. 3:21-md-02981-JD

Judge: Hon. James Donato

**EXPERT REPORT OF MATTHEW GENTZKOW
NOVEMBER 18, 2022**

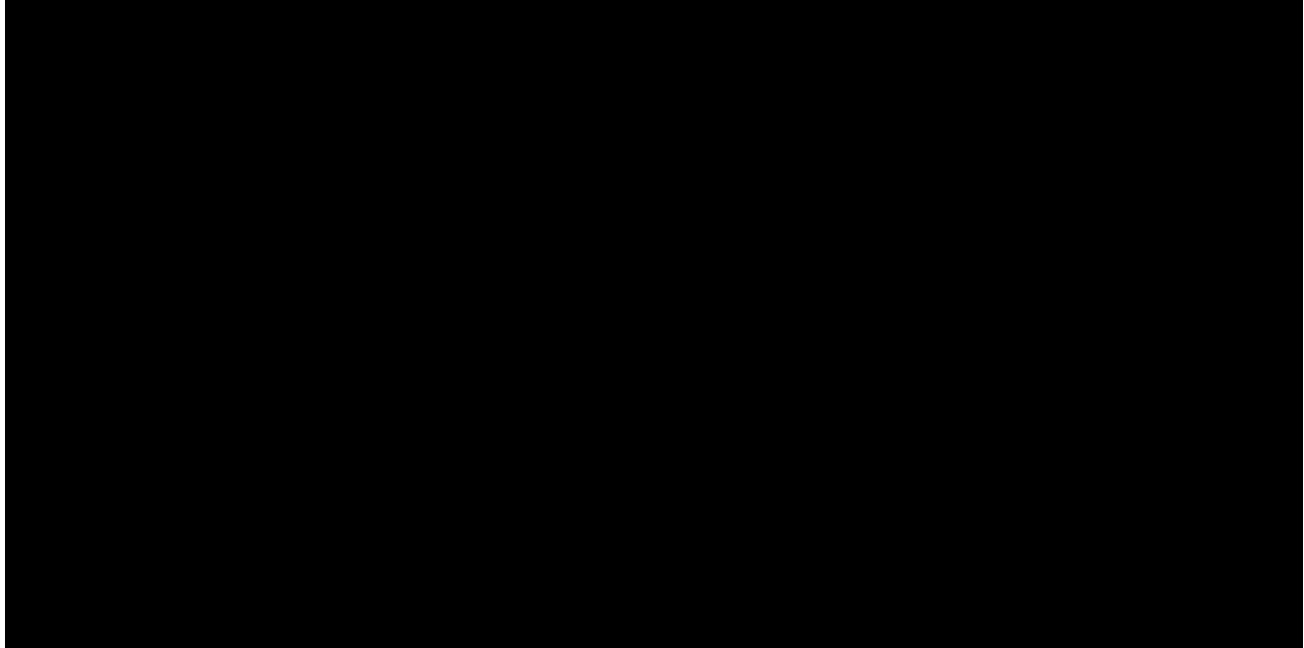
NON-PARTY HIGHLY CONFIDENTIAL – OUTSIDE COUNSEL EYES ONLY

Exhibit 33

**Share of Active GMS Devices and Fortnite Compatible Active GMS Devices
by RSA Type**
November 16, 2021

**Share of Active GMS Devices
by RSA Type**
November 16, 2021

**Share of Fortnite Compatible Active GMS
Devices by RSA Type**
November 16, 2021



Notes:

- [1] A “Premier Tier” device is identified when the variable “is_premier” takes on value “TRUE” in the data, which captures Premier Tier provisions related to Google Play.
- [2] GMS devices worldwide (excluding China) that checked in with Google’s servers in the 28 days prior to November 16, 2021 are considered active and are included in the data.
- [3] “Fortnite Compatible Active GMS Devices” are identified using data produced by Epic and relied upon by Dr. Bernheim, as well as information on Epic’s website which Epic indicated was reliable.
- [4] Observations with inconsistent values are cleaned to produce conservative results. Active devices with an “RSA_scope” of “RSA Carrier + RSA3 OEM Premier” but “is_premier” equals “FALSE” are treated as Premier Tier for this analysis. Active devices with (i) no RSA but “is_premier” equals “TRUE,” and (ii) “rsa_type” equals “RSA2 OEM” and “is_premier” equals “TRUE” are retained in the data as reported. Active devices with missing “RSA_scope” and “is_premier” equals “FALSE” are excluded from this analysis.
- [5] Google devices are considered non-Premier Tier in the data. If they are removed from the data, the share of active devices affected by Premier Tier terms of an RSA 3.0 is █ percent worldwide. If Google devices are considered Premier Tier, the share is █ percent worldwide. The equivalent percentages for actives that are Fortnite compatible are █ percent and █ percent.

Sources: “RSA Actives Data, Worldwide Excluding China,” GOOG-PLAY-010801562; GOOG-PLAY-010801563.R; GOOG-PLAY-010801564; GOOG-PLAY-010801565; GOOG-PLAY-010801566; “List of Devices Compatible With Fortnite,” EPIC_Google_05285377; “What Platforms or Devices Are Compatible With Fortnite?,” Epic Games, <https://www.epicgames.com/help/en-US/fortnite-c75/technical-support-c118/what-platforms-or-devices-are-compatible-with-fortnite-a6693>, accessed December 10, 2021.